Title (en)

CATHETER CIRCUIT

Title (de)

KATHETERKREISLAUF

Title (fr)

CIRCUIT DE CATHÉTER

Publication

EP 3302676 B1 20230712 (EN)

Application

EP 16804263 A 20160531

Priority

- US 201562168525 P 20150529
- US 2016035106 W 20160531

Abstract (en)

[origin: US2016345904A1] A circuit system includes a user interface, voltage source, and a terminal bank connected to the voltage source. The circuit can be used in a powered catheter system where the catheter includes a structural reinforcement layer such as a braid comprised of one or more wires. The reinforcement layer can be used to convey a current or signal in a powered catheter. The catheter may utilize a hypotube element which provides integrated sensors in order to power and control multiple systems in the powered catheter.

IPC 8 full level

A61M 25/16 (2006.01); **A61B 17/12** (2006.01)

CPC (source: CN EP US)

A61B 5/6852 (2013.01 - EP US); **A61B 17/1214** (2013.01 - EP US); **A61M 25/0021** (2013.01 - CN); **A61M 25/0023** (2013.01 - CN); **A61M 25/0043** (2013.01 - CN); A61B 5/14542 (2013.01 - EP US); A61B 5/6851 (2013.01 - EP US); A61B 5/6876 (2013.01 - EP US); A61B 2017/00022 (2013.01 - EP US); A61B 2017/12054 (2013.01 - EP US); A61B 2017/12068 (2013.01 - EP US); A61B 2560/063 (2013.01 - EP US); A61B 2562/0247 (2013.01 - EP US); A61B 2562/222 (2013.01 - EP US); A61M 25/0051 (2013.01 - EP US)

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US 2006074318 A1 20060406 - AHMED MASOOD [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 11229402 B2 20220125; **US 2016345904 A1 20161201**; CN 107614049 A 20180119; CN 107614049 B 20210604; CN 113209449 A 20210806; CN 113209449 B 20230418; EP 3302676 A1 20180411; EP 3302676 A4 20190213; EP 3302676 B1 20230712; EP 4233738 A2 20230830; EP 4233738 A3 20231018; JP 2018524130 A 20180830; JP 6812422 B2 20210113; US 2022104770 A1 20220407; WO 2016196519 A1 20161208

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